

## **Granular Flow Module**

### **Initial Science Accommodated**

- Investigate segregation in simple shear flows of binary granular mixtures
- Investigate the effect of particle geometry and inertia on gravity-free segregation
- Compare binary granular mixture segregation measurements with theory and simulations
- Investigate the relative effects of differing inertia vs differing geometry
- Investigate the interaction between granular particles and surrounding gas on the particle dynamics, cluster formation and breakup

